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Rahimi

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(54) **DYNAMIC BRACKET SYSTEM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(58) **Field of Classification Search**

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See application file for complete search history.

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(57)

ABSTRACT

This invention is a dynamic orthodontic bracket system which allows brackets to be adjusted for particular angulations required for each individual tooth of a patient, while the frames are continuously attached to tooth surface. The orthodontist manually adjusts the relationship of a bracket and a frame during treatment eliminating the necessity of a full repositioning of all components. The bracket can be locked or unlocked within the frame with the use of a plate having a tapered thickness. The bracket is positioned such that it can move in various directions to achieve a proper angulation for tooth repositioning. The exterior of the frame can also be textured to provide more secure attachment to the surface of the tooth. This system leads to lower treatment cost, a more stable bracket system, and quicker adjustments of the orthodontic bracket system.

17 Claims, 18 Drawing Sheets

